

Dear Parent/carer,

The below tasks should be carried out by students whilst working at home across this week.

English:

Please use the links below to access the learning.

1. [Exposure \(Part 1\) \(thenational.academy\)](#)
2. [‘Exposure’: Language, Form and Structure \(thenational.academy\)](#)
3. [‘Tissue’ by Imtiaz Dharker \(thenational.academy\)](#)
4. [‘Tissue’: Language, Form and Structure \(thenational.academy\)](#)

Maths:

Please use the QR codes below to complete the tasks.

Foundation

Solving 2 step equations



Solving Equations with unknowns on both sides



Higher

Solving Quadratics



Solving Simultaneous Equations



Science:

The lessons below cover essential topics in Science/topics that you may well have been taught via Microsoft Teams during the last lock down and therefore may need to review. There is at least 60-90 minutes worth of content to cover each day, however, if you open a link and find that this is already an area that you are confident with, please feel free to move on to the next link.

Lesson 1

Part a) Investigating enzymes

Oak National Academy lesson

<https://classroom.thenational.academy/lessons/investigating-enzymes-60w64t>

Part b) pH and enzymes

Oak National Academy lessons

<https://classroom.thenational.academy/lessons/ph-and-enzymes-part-1-cru3jt>

<https://classroom.thenational.academy/lessons/ph-and-enzymes-part-2-75h3gr>

Lesson 2

Part a) Speed

Oak National Academy lesson

[Speed \(thenational.academy\)](#)

Part b) Distance: Time graphs

[Distance: Time graphs \(thenational.academy\)](#)

Part c) Acceleration

[Acceleration \(thenational.acemy\)](https://www.thenational.acemy/acceleration)

Part d) Velocity: Time graphs

[Velocity: Time Graphs \(thenational.acemy\)](https://www.thenational.acemy/velocity-time-graphs)

Lesson 3

Part a) Ionic bonding

Oak National Academy lessons (you may wish to move on quickly from the first link once you have refreshed your memory of the basics.

<https://classroom.thenational.acemy/lessons/ionic-bonding-introduction-70wk4c>

<https://classroom.thenational.acemy/lessons/further-ionic-bonding-6cu32c>

<https://classroom.thenational.acemy/lessons/properties-of-ionic-compounds-6hj66c>

Additional supporting information

Cognito Science video <https://youtu.be/6DtrrWA5nkE>

Part b) Covalent bonding

Oak National Academy lessons

<https://classroom.thenational.acemy/lessons/covalent-bonding-65hpcc>

<https://classroom.thenational.acemy/lessons/simple-covalent-molecules-70v66e>

<https://classroom.thenational.acemy/lessons/the-giant-covalent-structures-c5h3cc>

Additional supporting information

Cognito Science video https://youtu.be/5I_1jRGSR9E